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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/368,259	08/03/1999	NAOTAKA KATO	JA9-98-122	5329

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ANDREW J DILLON
FELSMAN BRADLEY VADEN GUNTER & DILLON
LAKEWOOD ON THE PARK SUITE 350
7600B NORTH CAPITAL OF TEXAS HIGHWAY
AUSTIN, TX 78731

EXAMINER
WOO, ISAAC M

ART UNIT	PAPER NUMBER
2153	

DATE MAILED: 02/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

HC5

Office Action Summary	Application No. 09/368,259	Applicant(s) KATO ET AL.	
	Examiner Isaac M Woo	Art Unit 2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *03 August 1999* .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-11* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-11* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Specification

1. The abstract of the disclosure is object to because: Such as terms "means" and "said," and title of the application are used, should be avoided.

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Correction is required. See MPEP 608.01 (b).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-5 and 7-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Shin et al (U.S. Patent No. 6,321,340, hereinafter, "Shin").

In considering claims 1, 8 and 10, Shin discloses the connection unit (200, FIG.1, FIG.2; col. 3, lines 44-52) for use with a computer (100, FIG.1, col. 3, lines 33-43) and connectable to a

network (216, 316, FIG.1; col. 3, lines 61-64 and col. 2, lines 14-18), the connection unit comprising:

means, responsive to receipt of a predetermined packet via the network, for generating a predetermined signal, see (col. 5, lines 41-47 and col. 7, lines 24-28); and

means, responsive to the predetermined signal, for displaying (222, FIG.1, FIG. 2 and FGI. 3) the receipt of the predetermined packet, see (col. 5, lines 4-10 and col. 3, line 67 to col. 4, lines 1-3).

In considering claims 2 and 3, Shin discloses that the computer is not connected to connection unit and means, responsive to the receipt of the predetermined packet, for displaying the non-connection of the computer, see (col. 5, lines 4-19 and col. 3, line 67 to col. 4, lines 1-3).

In considering claim 4, Shin discloses that the predetermined packet includes an instruction for causing a power supply of the computer to be remotely turned on, see (col. 5, lines 41-47; col. 7, lines 24-28 and col. 4, lines 21-29).

In considering claim 5, Shin discloses that the network is a local area network (LAN), see (216, 316, FIG. 1; col. 3, lines 61-64; col. 6, lines 22-29 and col. 2, lines 14-18).

In considering claim 7, Shin discloses the connection unit comprising means for resetting the means for displaying the receipt of the predetermined packet, see (252, FIG. 3, and col. 4, lines 51-61).

In considering claim 9, Shin discloses that the terminal apparatus is a portable computer, see (200, FIG. 1 and col. 3, lines 23-26).

In considering claim 11, Shin discloses that a computer system having a computer that changes from a power-save mode or a power-off stat to a normal operation mode due to a plurality of factors (wake-up signal, col. 4, lines 28-29 and col. 5, lines 44-47), the computer system comprising:

means for generating a signal indicating occurrence of a predetermined factor among the plurality of factors, see (ring indicator signal (RI), wake-up signal (RWU), FIG. 3, col. 4, lines 21-29);

means, responsive to the signal indicating the occurrence of the predetermined factor, for persistently displaying the generation of the signal, see (222, FIG. 1, FIG. 2; col. 3, line 67 to col. 4, lines 1-3 and col. 5, lines 4-19);

means for stopping displaying of the displaying means, see (col. 4, lines 1-4); and

means, responsive to a predetermined condition, for resetting the displaying means, see (col. 4, lines 51-61).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shin et al (U.S. Patent No. 6,321,340, hereinafter, "Shin").

In considering claim 6, Although Shin discloses that the displaying means is LED (222, FIG. 1; FIG.2; col. 3, line 67 to col. 4, lines 1-3 and col. 5, lines 4-19), Shin fails to explicitly disclose that the displaying means comprises a liquid crystal display (LCD). However, the LED (light-emitting diode) and LCD (liquid crystal display) are all electronic devices for displaying, commonly used in digital watches, calculators, and portable computers. Therefore, it would have been obvious to a person having ordinary skill in the art to include the LCD to display the status of the packet transmission into Shin's system, which is also well known displaying devices in electronic areas and merely design choice. Thus, it would have been obvious that the displaying means comprises a liquid crystal display (LCD).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (703) 305-0081. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on (703)305-4792. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7201 for regular communications and (703) 308-6606 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

IMW
February 14, 2002

ARIO ETIENNE
PRIMARY EXAMINER